

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. KE2-173		SERIAL NO. Not yet assigned	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)					APPLICANT Mark A. Bauman et al.			
					FILING DATE Filed Herewith		GROUP Unknown 28576	
U.S. PATENT DOCUMENTS								
*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate		
<i>Ba</i> <i>↓</i> <i>AE</i>	AA	H1561	7/2/96	Thompson				
	AB	4,235,243	11/25/80	Saba				
	AC	4,385,634	5/31/83	Bowen				
	AD	6,002,958	12/14/99	Godik				
	AE	6,102,857	8/15/00	Kruger				
	AF							
	AG							
	AH							
	AI							
	AJ							
AK								
AL								
FOREIGN PATENT DOCUMENTS								
	Document Number	Date	Country	Class	Subclass	Translation		
						Yes	No	
	AM							
	AN							
	AO							
	AP							
	AQ							
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)								
<i>Ba</i> <i>Ba</i> <i>Ba</i>	AR	<input checked="" type="checkbox"/>	"Power Booster Amplifier, Ramsey Electronics Model No. LPA-1" pamphlet, Ramsey Electronics, Inc., 1994.					
	AS		GORING KERR Metal Detectors, X-Ray Systems and Product Inspection Services Web Pages, printed 11/16/98.					
	AT		MICROSEMI PIN Diode Handbook - Chapter 7, pgs. 3-5, printed 9/6/01.					
EXAMINER <i>Rose Miller</i>				DATE CONSIDERED <i>6/14/05</i>				
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>								

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. KE2-173		SERIAL NO. Not yet assigned	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)					APPLICANT Mark A. Bauman et al.			
					FILING DATE Filed Herewith		GROUP Unknown	
U.S. PATENT DOCUMENTS								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
	AA							
	AB							
	AC							
	AD							
	AE							
	AF							
	AG							
	AH							
	AI							
	AJ							
	AK							
	AL							
FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AM							
	AN							
	AO							
	AP							
	AQ							
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)								
	AR		"A Non-Invasive Technique for Detecting Stress Waves in Bone Using the Piezoelectric Effect," Subrata Saha et al., <u>IEEE Transactions on Biomedical Engineering</u> , Vol BME-24, No. 6, Nov. 1977, pp. 508-512.					
	AS		"Sources of Piezoelectricity in Tendon and Bone," Wendell S. Williams et al., <u>CRC Critical Reviews in Bioengineering</u> , Feb. 1974, pp. 95-117.					
	AT		"Guidelines for Specifying Underwater Electroacoustic Transducers," E. Kuntz et al., Presented in UDT-92 Conference, June 1992, London, England, 7 pages.					
EXAMINER					DATE CONSIDERED 6/14/05			
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>								

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. KE2-173	SERIAL NO. Not yet assigned
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Mark A. Bauman et al.	
				FILING DATE Filed Herewith	GROUP Unknown

U.S. PATENT DOCUMENTS							
*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

FOREIGN PATENT DOCUMENTS							
Document Number	Date	Country	Class	Subclass	Translation		
					Yes	No	
AM							
AN							
AO							
AP							
AQ							

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)		
	AR	"Analysis of Bone and Other Piezoelectric Textures," R. Bruce Martin, pp. 141-151.
	AS	"Ultrasonic Transducers," Product Guide, Staveley Sensors, Inc., 1993, pp. 24, 32, 33, and 35.
	AT	"Piezoelectric Properties of Dry and Wet Bone," J. C. Anderson et al., <u>Nature</u> , Vol. 227, Aug. 1, 1970, pp. 491 and 492.

EXAMINER	DATE CONSIDERED 6/14/05
----------	-------------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. KE2-173	SERIAL NO. Not yet assigned
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Mark A. Bauman et al.	
				FILING DATE Filed Herewith	GROUP Unknown

U.S. PATENT DOCUMENTS							
*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

FOREIGN PATENT DOCUMENTS							
Document Number	Date	Country	Class	Subclass	Translation		
					Yes	No	
	AM						
	AN						
	AO						
	AP						
	AQ						

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)		
B5	AR	"Piezoelectric Properties of Bone as Functions of Moisture Content," Gloria B. Reinish et al., <u>Nature</u> , Vol. 253, Feb. 20, 1975, pp. 626 and 627.
B5	AS	"A Comprehensive Model for Characterizing Stress Generated Potentials," Edward Korostoff, pp. 95-105.
B5	AT	"Anomalous Piezoelectric Behavior in Dry Bone," R. Bruce Martin et al., pp. 31-45.

EXAMINER <i>Rose Miller</i>	DATE CONSIDERED <i>6/4/75</i>
--------------------------------	----------------------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. KE2-173	SERIAL NO. Not yet assigned
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Mark A. Bauman et al.	
				FILING DATE Filed Herewith	GROUP Unknown

U.S. PATENT DOCUMENTS							
*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

FOREIGN PATENT DOCUMENTS							
Document Number	Date	Country	Class	Subclass	Translation		
					Yes	No	
AM							
AN							
AO							
AP							
AQ							

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)		
AR		"A New Non-Invasive Device for Monitoring the Piezoelectric Character of Bone," Subrata Saha et al. <u>Electrical Properties of Bone and Cartilage</u> , Grune & Stratton, pp. 57-67.
AS		"A Non-contacting Electromagnetic Device for the Determination of In Vivo Properties of Bone," R. S. Lakes, Ph.D. et al., <u>Medical Instrumentation</u> , Vol. 12, No. 2, Mar.-Apr. 1978, pp. 106-109.
AT		"LIXI - FIS Series Inspection System," web pages: http://www.lxi.com/p3.htm , printed November 16, 1998, pp. 1 and 2.

EXAMINER <i>Rose Miller</i>	DATE CONSIDERED <i>6/14/05</i>
--------------------------------	-----------------------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.